

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT Sheet 1 of 1**

Docket No. B0004/7112

Applicant: Roman Zubarev, Frank Kjeldsen, Igor Ivonin and Oleg Silivra
Serial No: 10/644,648
Filed: August 20, 2003
For: ELECTRON-ION FRAGMENTATION REACTIONS IN MULTIPOLAR
RADIOFREQUENCY FIELDS
Examiner: Not Yet Assigned
Art Unit: 2881

OTHER PRIOR ART - NON PATENT LITERATURE AND DOCUMENTS

| Exam Init | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
|--------------|-------------|--|--------------------------|
| KN | | ZUBAREV, Roman A., "Reactions of Polypeptide Ions With Electrons In The Gas Phase", Mass Spectrometry Reviews, Vol. 22, Wiley Periodicals, Inc., 2003, pp. 57-77. | <input type="checkbox"/> |
| | | ZUBAREV, Roman A. et al., "Electron Capture Dissociation of Multiply Charged Protein Cations. A Nonergodic Process", Journal of the American Chemical Society, Vol. 120, March 24, 1998, pp. 3265-3266. | <input type="checkbox"/> |
| | | HASELMANN, Kim F. et al., "Advantages of External Accumulation for Electron Capture Dissociation in Fourier Transform Mass Spectrometry", Analytical Chemistry, Vol. 73, May 24, 2001, pp. 2998-3005. | <input type="checkbox"/> |
| | | HORN, David M. et al., "Automated <i>de novo</i> sequencing of proteins by tandem high-resolution mass spectrometry", PNAS, Vol. 97, No. 19, September 12, 2000, pp. 10313-10317. | <input type="checkbox"/> |
| | | KJELDEN, Frank et al., "Dissociative capture of hot (3-13 eV) electrons by polypeptide polycations: an efficient process accompanied by secondary fragmentation", Chemical Physics Letters, Vol. 356, Elsevier Science B.V., 2002, pp. 201-206. | <input type="checkbox"/> |
| KN | | BUDNIK, Bogdan A. et al., "Electron detachment dissociation of peptide di-anions: an electron-hole recombination phenomenon", Chemical Physics Letters, Vol. 342, Elsevier Science B.V., 2001, pp. 299-302. | <input type="checkbox"/> |
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Examiner
Signature

K. MGVYEV

Date
Considered

05-14-04